



# Results from palaMOUNTAINS Revive tailing drench trial. Undertaken at Telford Farm Training Institute, Balclutha.

A mob of lambs was broken into two treatment groups each comprised of 151 lambs in late October 2015. Each lamb in the treatment mob received 10 ml of palaMOUNTAINS Revive, whilst the control group lambs were not treated. The mobs were mixed and then raised as one mob. In late December the lambs reaching a live weight of 38.6 kg were sent to the local freezing works. 100 lambs in the treatment group were sent to the works and only 32 in the control group, a 312% improvement over the control group.

Virtually all the lambs in the treatment group were dagless, much cleaner than the control group.

## Kill Draft:

**66%**

Treatment Group

**21.1%**

Control Group

That's an overall increase of 312% between the two groups.

## Kill Weights:

Live Weight Average:

**38.6kg**

Dressed Weight Average:

**18.3kg**

Return Yield:

**47.3%**

Treatment Group

Live Weight Average:

**37.9kg**

Dressed Weight Average:

**16.3kg**

Return Yield:

**43%**

Control Group

## Treatment Group:

Averages Weight	Tailing Weight	LWG	ADG	Number Killed in Draft
<b>36.7</b>	<b>16.6</b>	<b>20.3</b>	<b>0.32</b>	<b>100</b>
Works Weight	Tailing Weight	LWG	ADG	N.O
38.6	17.8	21.0	0.33	100
High Weight	Tailing Weight	LWG	ADG	N.O
34.7	15.3	19.4	0.31	30
Med Weight	Tailing Weight	LWG	ADG	N.O
30.7	12.5	18.1	0.30	21

## Control Group:

Averages Weight	Tailing Weight	LWG	ADG	Number Killed in Draft
<b>34.2</b>	<b>15.1</b>	<b>19.4</b>	<b>0.30</b>	<b>32</b>
Works Weight	Tailing Weight	LWG	ADG	N.O
37.9	17.0	20.9	0.32	32
High Weight	Tailing Weight	LWG	ADG	N.O
34.7	15.8	19.8	0.30	68
Med Weight	Tailing Weight	LWG	ADG	N.O
30.3	12.7	17.9	0.29	51

A dose of 10ml/lamb of palaMOUNTAINS Revive cost 14c per lamb.

The cost for 151 lambs = 14c x 151 lambs = \$21.14. Difference in average carcase weight gain per lamb between the groups is 2 kg. Value of 2kg of lamb = \$12.00 per lamb.

Therefore extra value of treatment group compared to the control = 100 lambs x 2 kg x value of lamb =

**A financial return on investment of 5,676.4% or a 99 times return on investment.**

The Telford Farm Training Institute trial showed a significant improvement in the health of the treated lambs compared to the control group. Plus a substantial financial return.



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